

20000413.qrp v01_n790.qrl.20000413

Date: Thu, 13 Apr 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1790

QRP-L Digest 1790

Topics covered in this issue include:

- 1) [67780] FS or TRADE: Ten-Tec 1340 40M xcvr with freq-mite
by "Dana Michael" <damichael@blazenet.net>
- 2) [67781] FS or Trade: Tucker T-1000 Antenna Tuner
by "Dana Michael" <damichael@blazenet.net>
- 3) [67782] FS or Trade: Autek QF-1A audio filter
by "Dana Michael" <damichael@blazenet.net>
- 4) [67783] Zombie Shuffle Stuff
by "Ron Polityka" <wb3aal@talon.net>
- 5) [67784] Re: Status of K7Q0
by "Paul Harden, NA5N" <na5n@rt66.com>
- 6) [67785] OT? Dismal Antenna?
by Michael Bower <bowerm@ix.netcom.com>
- 7) [67786] LQQKING for QRP items
by RangerSF5@aol.com
- 8) [67787] Re: SMK-1: Progress Report
by J38AL@aol.com
- 9) [67788] WE6W resonant Speaker: Proto-2
by Ed Loranger <we6w@qsl.net>
- 10) [67789] Kits:
by "Randy Joiner" <biggman@accucomm.net>
- 11) [67790] Re: Slogans
by Curt Milton <wb8yyy@yahoo.com>
- 12) [67791] Zombie cert/pin.
by Ed Loranger <we6w@qsl.net>
- 13) [67792] Gibraltar Rock/Devil's Lake on 4/13/00
by GUARDM@aol.com
- 14) [67793] Re: ARRL and QRP - new TIS web page
by "Gary O. Lyons" <drgary@amaonline.com>
- 15) [67794] Re: HB: Another SMT PC proto method
by n5ib@juno.com
- 16) [67795] ARCI Party: De Ja FYBO all over again
by S LYON <sslyon@worldnet.att.net>
- 17) [67796] OT: ABC's 20/20 program
by GE1am30092@aol.com
- 18) [67797] Re:QTTF:Where are others setting up?
by w0yse@juno.com
- 19) [67798] Re: Case/cabinet needed

by "Rod, N0RC" <n0rc@qsl.net>
20) [67799] HAMCOM 2000
by "Joe Spencer" <joes@tcjc.cc.tx.us>
21) [67800] Re: OT? Dismal Antenna?
by aa5yx@juno.com
22) [67801] "QRP, it's ham radio"
by John R Kirby <n3aaz-qrp@juno.com>
23) [67802] Re: NC-xx vs DSW-xx
by "Rich Clemens" <clemens@wvwc.edu>
24) [67803] Re: NC-xx vs DSW-xx
by "Rich Clemens" <clemens@wvwc.edu>
25) [67804] Re: Kits:
by k1vp@lawson-philpot.com
26) [67805] Re: OT: ABC's 20/20 program
by Wb8siw@aol.com
27) [67806] DOC K0EVZ ????
by "Alan Dawkins" <alk0frp@home.com>
28) [67807] N4BP ARCI Fall Party
by Bob Patten <n4bp@bc.seflin.org>
29) [67808] "German PA Mod" for Sierra?
by Ed Kessler <edkess@epix.net>
30) [67809] FS: OHR Classic 2040 w/ digital readout &...
by arrowhead1@characterlink.net (Ted Danchi)
31) [67810] ANT: Opinions?
by "Ed Manuel (N5EM)" <n5em@flash.net>
32) [67811] FB QSO
by "AI2Q Alex" <ai2q@ispchannel.com>
33) [67812] Ants, towers, opinions & more tuner stuff . . .
by Nils R Young <nilsbull@juno.com>
34) [67813] Hark, do I hear HirkQ-RP?
by "Joe Malloy" <jmalloy@hamilton.edu>
35) [67814] 4:1 BALUN QUESTIONS
by DONALD DORN <DDORN@CWIS.NET>
36) [67815] E-Mail for LZ2RS
by KB7WW Art Moe <kb7ww@chatusa.com>
37) [67816] Re: 4:1 BALUN QUESTIONS
by "George T. Baker" <w5yr@att.net>
38) [67817] Re: Case/cabinet needed
by "Rod, N0RC" <n0rc@qsl.net>
39) [67818] FS:HW-9
by Daj73s@aol.com
40) [67819] battery charger question
by Bruce Ratray <ratray@gpfn.sk.ca>
41) [67820] battery charger question
by Bruce Ratray <ratray@gpfn.sk.ca>
42) [67821] Re: battery charger question
by "George T. Baker" <w5yr@att.net>
43) [67822] ArkieCon The Big THANK YOU!

- by "Jay Bromley" <w5jay@alltel.net>
- 44) [67823] case/cabinet....N5IB
by tom whalen <wb5qyt@eFortress.com>
- 45) [67824] Re: 4:1 BALUN QUESTIONS
by "Pastor-kc1di" <ELBC@PIVOT.NET>
- 46) [67825] SMT Soldering Station
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 47) [67826] ArkieCon Kudos (late)
by "Paul Harden, NA5N" <na5n@rt66.com>
- 48) [67827] MOBILE DXing / LZ2RS
by "Zoerb, Ron" <Zoerb.Ron@tci.com>
- 49) [67828] Re: MOBILE DXing / LZ2RS
by Allan G Taylor <agtaylor@llnl.gov>
- 50) [67829] SMK-1 Crystals are in!!
by "Doug Hendricks" <ki6ds@hotmail.com>
- 51) [67830] Re: [CW] THE FINAL FINAL FINAL
by "Mel Evans" <mel@euramcom.freemove.co.uk>
- 52) [67831] Re: Kits:
by wd3p@juno.com
- 53) [67832] RE: SMT Soldering Station (Kinda Long)
by schoon@amgt.com

Date: Wed, 12 Apr 2000 19:09:53 -0400
From: "Dana Michael" <damichael@blazenet.net>
To: <qrp-l@lehigh.edu>
Subject: [67780] FS or TRADE: Ten-Tec 1340 40M xcvr with freq-mite
Message-ID: <001001bfa4d4\$3f06de60\$2370fea9@mike>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE:

TEN-TEC T-KIT 1340 40M CW Transceiver with built in Small Wonder Labs
FREQ-Mite in good working condition, a few scuff marks on the case. \$100

Or trade for Almost All Digital Electronics L/C Meter IIB, built or unbuilt.

Thanks,
D. A. Mike Michael W3TS
129 Church Lane
Halifax, Pa. 17032-8732
1-717-896-3973 from 5PM till 10PM EDT
damichael@blazenet.net

Date: Wed, 12 Apr 2000 19:16:50 -0400
From: "Dana Michael" <damichael@blazenet.net>
To: <qrp-1@lehigh.edu>
Subject: [67781] FS or Trade: Tucker T-1000 Antenna Tuner
Message-ID: <001c01bfa4d5\$33ae1820\$2370fea9@mike>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE:

TUCKER T-1000 300 Watt ANTENNA TUNER. Has built in BALUN, CROSS NEEDLE
WATTMETER , ANTENNA SWITCH and DUMMY LOAD. VERY GOOD CONDITION. \$100

Or trade for Almost All Digital Electronics L/C Meter IIB, built or unbuilt.

THANKS,
D.A. "MIKE" MICHAEL W3TS
129 CHURCH LANE
HALIFAX, PA. 17032
1-717-896-3973 BETWEEN 5AND 10PM EST
damichael@blazenet.net

Date: Wed, 12 Apr 2000 19:20:12 -0400
From: "Dana Michael" <damichael@blazenet.net>
To: <qrp-1@lehigh.edu>
Subject: [67782] FS or Trade: Autek QF-1A audio filter
Message-ID: <002301bfa4d5\$b15cc6e0\$2370fea9@mike>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AUTEK QF-1A audio filter, IN GOOD CONDITION. \$40 SHIPPED

Or trade with additional cash for Almost All Digital Electronics L/C Meter

IIB, built or unbuilt.

THANKS,
D.A. "MIKE" MICHAEL W3TS
129 CHURCH LANE
HALIFAX, PA. 17032
1-717-896-3973 BETWEEN 5AND 10PM EST
damichael@blazenet.net

Date: Wed, 12 Apr 2000 19:27:55 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67783] Zombie Shuffle Stuff
Message-ID: <024e01bfa4d6\$bb655480\$6fe508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I received my ZOMBIE certificate and pin today.

Well worth the wait!!!!

I would like to thank Jan, Paul, Doug and anyone
else that I might have missed. There was a lot of
time and effort involved put into this project.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1 NJ QRP #179
KL7 QRP # 309 G-QRP # 3031

ARCI QRP # 5318 10 - X #13173
NorCal Zombie #625
ARS # 380 HI-QRP #153
VA QRP Society

Date: Wed, 12 Apr 2000 17:38:14 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Chuck Adams <adamsc@pr.erau.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67784] Re: Status of K7QO
Message-ID: <Pine.SUN.4.10.10004121734400.27158-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Chuck,
It is good to know that all the medical procedures went well and you're feeling pretty chipper. We've all been rootin' for you and hope all went well. And yes, we missed you at ArkieCon. Hopefully you felt all the good vibes from us on saturday. We look forward to seeing you at Ft. Tuthill at least!

Hope you continue to feel better each and every day.

72, Paul NA5N

Date: Wed, 12 Apr 2000 13:36:02 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [67785] OT? Dismal Antenna?
Message-ID: <38F4B401.2AEB6B70@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is way off topic:

One of my in-laws (cousin-in-law once removed?) is having an antenna installed on his farm property. He referred to it as a "Dismal Antenna". This is a commercial antenna that is being installed on a farm in south central Illinois. He says that they are installing 250 of

these antennas throughout the state.

Anybody have any idea of what this type of antenna is?

Just curious.

Michael - N4NMR

Date: Wed, 12 Apr 2000 20:33:47 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [67786] LQQKING for QRP items
Message-ID: <24.3977386.26266feb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Because I still have the problems with my eyes when doing close up work,
I'm looking for a BUILT EMTECH tuner.
I'm also looking for a NW-40 with the optional filter in the Emtech case.
Please *E* mail direct.
Thanks
72/73
Bob
WA2HQrp <tm>

Date: Wed, 12 Apr 2000 21:19:12 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [67787] Re: SMK-1: Progress Report
Message-ID: <af.251d9d7.26267a90@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/12/00 9:30:56 AM Pacific Daylight Time,
ki6ds@hotmail.com writes:
<< I'll post Saturday night the progress and keep everyone up to date.
Thanks
for your patience and understanding. 72, Doug, KI6DS >>

No, I think thats thanks to you Doug, and your team of helpers !! Can't wait to build this one.

73, Al N2ZHS
Scotia, NY

Date: Wed, 12 Apr 2000 18:53:11 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [67788] WE6W resonant Speaker: Proto-2
Message-ID: <38F52887.86344107@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dub Thornton, your email bounces. I'm a spammer???

Anyway pal, here's the info:
Someone found it in the April 14th, 1999 archive. I've copied it here. Enjoy. -Ed
>From we6w@qsl.net Wed Apr 14 19:22:29 1999
Subject: Resonant Speaker project

Friends, due to being QRL in other activities, the Resonant Speaker project has been on hold since January. Currently I have no workbench or any area to complete my Proto 3 device.

So as a general 'Thanks' to all of you, I'm giving you all the basic details here on how to build my Proto 2 resonant speaker.

---- WE6W Resonant Speaker ----

Materials:

4 inch diameter sphere with 2 inch diameter hole in it.
1 inch diameter speaker.
8.5 inch length of 2 inch I.D. PVC pipe.
2.65 inch length of 1.1 inch I.D. PVC Pipe.
Wood disk:.25 thick, 2 inch Diameter with hole in center for 1.1 I.D. PVC pipe.

Note: PVC diameters, inside and out, are VERY Variable.
Measure and trim your work accordingly.

OPTIONAL Tuning Plunger for rear sphere:

..75 inch hole in sphere, 90 degrees from 2 inch hole.
6 inch .75 O.D. metal tube.

Plunger is 6 inch metal or wood rod with wood and foam or teflon piston screwed/epoxied to end. Expand teflon by tightening two nuts, one on each side of teflon and threaded end, by tightening. If using wood discs, add 1 inch cylinder of foam around shaft to support the plunger and provide necessary friction.

Attach wires to speaker and run wires into sphere and out of small hole at rear of sphere (directly opposite speaker).

Mount speaker about .1 inch inside sphere opening. The face of the speaker is .1 inch back of the plane of the opening. The speaker is firing out of the sphere. Heat a needle and push 4 holes into speaker plastic rim and attach small buss wire. Punch holes in lip of sphere opening and tie off wires firmly. Glass or metal spheres require some ingenuity for mounting the speaker.

Speaker is now suspended and centered in sphere opening, with the outward firing speaker about .1 inch from the plane of the opening and inside the sphere. There is a volume of air around the speaker edges. Do not close this area off.

Epoxy or tape sphere to 8.5 inch PVC pipe so speaker fires into pipe. Performance requires all joints be air tight. (Tuning plunger included.)

Press-fit or epoxy .75 O.D. metal tube to other hole in sphere. Add plunger assembly now or later.

Using metal ruler and permanent marker, measure from the remaining opening in 8.5 inch tube and make a mark at 4.25 inches (The center) of the inside of the tube. Slide the 2.65 inch tube into the wood disc and center the tube with about 1.2 inches of tube on either side of the disc.

Epoxy tube in place or tape the tube so it won't slide in/out of the disc.

Slide disc/small tube assembly into big tube and just past the 4.25 inch mark so you can see the mark made previously. The disc should fit snugly but should be movable for tuning.

Connect speaker to radio or audio source.

Adjust audio source level and frequency to your desired tone.

Peak the resonant speaker by sliding disc/small tube assembly in/out of the larger tube by no more than 3 inches either side of center. I used a metal hook tool. The hook passes thru

the small tube and you can pull the disc assembly out, or you push the assembly in using two tools or gradually rocking the disc with one tool.

After peaking the desired tone, now you adjust for best cut-off and bandpass using the rear plunger if you installed it.

Set plunger all the way out and just covering the end of the metal pipe. Set signal source about 100 HZ ABOVE desire tone set previously. Adjust rear plunger to null this tone.

Recheck desired tone and peak with disc as before. You will have lots of fun experimenting with different frequencies and bandpass characteristics. It is especially exciting to tune the plunger and hear the radio QRN disappear.

Note, this speaker has approximately +/- 45 HZ bandwidth. Efficiency is approximately 4 dB over typical radio speaker and the signal/Noise improvement is approximately 12 to 20 dB depending on construction materials and quality of construction of the device.

That is it. Enjoy your we6w resonant speaker.

(c) 1999 Ed Loranger <mailto:we6w@qsl.net>
Permission to copy and distribute granted for non-profit use only.

--

-Ed AR QRP Millennium QSO's=560/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 ARS#275

>From we6w@qsl.net Wed Apr 14 20:05:16 1999
Subject: Re: Resonant Speaker project

Hi gang, I corrected some spelling errors (2), and I have some clarity regarding the sphere.

Maximum 4 inch I.D. HOLLOW sphere. Plastic, metal glass etc.

Sources include: XMAS ornaments, light difusers from a vanity, I even used a 60 watt light bulb, standard G.E., that was set in epoxy and another in concrete.

I made a quick stand for the device by using a 4x4 inch by 2 inch piece of rigid packing foam. I cut a 2 inch or so diameter hole in the foam and slipped it over the big tube. Also, I build a wood stand that was nice.

A close friend made a real fancy stand out of cherry wood!

ONE CAUTION: A sudden strong signal can 'bottom out' the little 1 inch speaker. Good luck finding a 1 watt speaker of that size!

So watch the speaker drive when operating this device.

Wishing you all the best of fun using it.

72/ Ed Loranger we6w/6

--

-Ed AR QRP Millennium QSO's=560/2000

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 ARS#275

>From we6w@qsl.net Wed Apr 14 21:53:08 1999
Subject: Re: Resonant Speaker experiments

Andy ol' buddy ol' pal. Great job!

I'm so glad you are having fun with this stuff. Very exciting.

I did spend a whole weekend, I'm embarassed to say, developing a formula to predict the audio resonance of pipes of different diameters. It is so cool to apply the formula and cut 3 different diameter pipes for say, 600 Hz and have them all different lengths and also find that the formula worked on all of them.

The formula is buried in my lab notebook (each page numbered, dated, and sewn binding.) Putting your knowledge in a notebook is highly recommended.

I also did some work with audio phase cancellation in my device I described today. That is how the rear chamber works.

I'll be doing more work on this in the future -- count on it.
And I look forward to your future posts.

Can't wait to hear what the 9th grade holds for you. Keep it
up and you'll be "hearing" more later. (Pun intended, smile.)

Best to you young man.

-Ed Loranger we6w/6

--

-Ed AR QRP Millennium QSO's=560/2000

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 ARS#275

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

Brain, only as strong as its weakest think.

Date: Wed, 12 Apr 2000 21:59:38 -0400

From: "Randy Joiner" <biggman@accucomm.net>

To: <qrp-l@lehigh.edu>

Subject: [67789] Kits:

Message-ID: <005d01bfa4eb\$edc5db60\$7a859bce@accucomm.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I purchased a Wilderness Sierra from a list member a few weeks back. I
really do like the little rig, but would like to hear from others who have
them also. Your opinions, suggested mods if any, or any comments in general
about the rig. I would appreciate any input. Note: I've already found the
mods at the New Jersey club site and at G3YCC. Feel free to reply
personally if you feel it inappropriate to do so here.

Thanks all "Hey mangimme 5.....or less!"

Randy N4SX

Date: Wed, 12 Apr 2000 19:00:27 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: w6toy@erols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67790] Re: Slogans
Message-ID: <20000413020027.20267.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well I am glad everyone is having fun with QRP to the point of showing pride with catchy slogans - but Bruce makes a very good point. We are part of a yet bigger hobby and we need to keep in mind others have other interests. Meanwhile keep up the equipment building and low power operating, and innovation and fellowship. 73 & 72 to all,

curt wb8yyy

--- Bruce Muscolino <w6toy@erols.com> wrote:
> Guy,
>
> Haven't we had enough of the silly season? Darned
> near all of you have
> tried to strain your brains to come up with the most
> telling slogan to
> describe QRP radio. The fact is that there is only
> one slogan that we
> should consider:
>
> "QRP, it's ham radio"
>
> Nothing special about QRP. There has never been and
> there never will
> be! It's just ham radio. The overwhelming
> percentage of hams have
> never run more than 100 watts in their lives.
> That's only 1.5 S units
> above 5 watts. Not much, is it!
>
> 73
>

Do You Yahoo!?
Send online invitations with Yahoo! Invites.
<http://invites.yahoo.com>

Date: Wed, 12 Apr 2000 19:29:19 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [67791] Zombie cert/pin.
Message-ID: <38F530FE.76C37907@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's still not here and the stories of you folks ON the actual delivery trail has me like, err, a zombie, checking the mailbox 3 to 5 times a day.....

Now, it's been 10 days since the Census form was mailed out, counting the clan here at the house. AND then I found out today my little 6th grader brought it inside, thinking the mail had arrived! THEN I put it back out in the box and the xyl picks it up and puts it in the car, thinking it was incoming.....

It has Since been handcarried to the post office... Like my zombie pin and cert, I'm sure. I know Jan and Paul did a fantastic job -- can't wait!!

Shoot, the wife just said the census form wasn't in the box when she went to the usps.... Oh boy...

72/Ed we6w

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Wed, 12 Apr 2000 23:05:57 EDT
From: GUARDM@aol.com
To: qrp-l@lehigh.edu, secondclassopsclub@egroups.com
Subject: [67792] Gibraltar Rock/Devil's Lake on 4/13/00
Message-ID: <31.3a86f9a.26269395@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hello all,

I will be operating tomorrow at Gibraltar Rock which is about 20 miles north of Madison Wisconsin, and/or at Devil's Lake State park near Baraboo Wisconsin.

Look for me at or around 7.110 sometime after 9am CST. Will be operating NorCal40a into a dipole at 2 watts.

72/73,

Mev KG9NF

Madison Wisconsin

QRP-L #2066 10X #7014 ARS #641 SOC#127

<http://www.qsl.net/kg9nf> ICQ# 49602335

"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Wed, 12 Apr 2000 22:07:03 -0500

From: "Gary O. Lyons" <drgary@amaonline.com>

To: <qrp-l@lehigh.edu>

Subject: [67793] Re: ARRL and QRP - new TIS web page

Message-ID: <000101bfa4f5\$58e1d080\$454412cf@drgary>

MIME-Version: 1.0

Content-Type: text/plain;

charset="utf-8"

Content-Transfer-Encoding: 7bit

Great job Ed! Thanks for the contribution.

Gary, W5ZL

Date: Wed, 12 Apr 2000 23:26:30 EDT

From: n5ib@juno.com

To: charlie_paneke@agilent.com, qrp-l@Lehigh.edu

Subject: [67794] Re: HB: Another SMT PC proto method

Message-ID: <20000412.222534.6335.1.N5IB@juno.com>

I just tried Charlie's (KX7L) method (posted earlier today) of making a manhattan mounting pad for an SO-8 style device. His was a very timely post, as I just received today some SO-style 4060's and tiny 10.24 MHz crystals and SMT trim caps to begin an attempt to make a tiny VE3DNL marker generator.

As a guide to scribing the lines in the PCB stock I glued on a small

piece of graph paper with 20 grids per inch (printed the graph paper with Corel Draw). Then just cut down each line, peeled the paper off and made the next cut slightly to one side of the first cuts. It took about ten minutes, tops, to make a nice pad to hold the 4060.

Now to try out my new fine tip for the soldering iron.

BTW, "Melt Solder" Steve had written about a little jig he made up to hold SMT parts in place while soldering. I built up a version of it using a long spring and a piece of bamboo skewer. I'll put a picture of it on my web page tomorrow:

<<http://www.qsl.net/n5ib>>

Thanks Charlie, and Steve, for two neat ideas.... Bring on the SMK-1

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 12 Apr 2000 23:53:23 -0400

From: S LYON <sslyon@worldnet.att.net>

To: "qrp, chat" <qrp-1@Lehigh.EDU>, "ge, GE" <seabury.lyon@gecapital.com>

Subject: [67795] ARCI Party: De Ja FYBO all over again

Message-ID: <38F544B3.B7A58535@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

well THAT was interesting! going from flowered spring to 4" of blowing snow in 24 hrs is something I won't forget any time soon. Due to poor ant condx at home I was planning to op from Mt Beacon but the wx forecast nixed that. So... Plan B was to op from my clandestine site 'cross town. Got up a 90' cf dipole (E.D.Z.) and a low 20m dipole at 90 deg to it for N-S contacts. Had both the DSW-20 & SW-40+ cranked down to 900mW and set up in the back seat of the Co-Rolla. Froze m'butt off on Sunday -which, of course, was the only day I had significant time to operate. Had a good time tho... esp. observing the weird propagation pop-corning all over the continent. So... bottom line: (if I score correctly)

-f- Q's pt's spc mult.(<1w)
20m = 30 86 17
40m = 99 430 28

=====
129 516 46 X 10 = 237,360

Best DX was VE6

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 13 Apr 2000 00:13:50 EDT
From: GE1am30092@aol.com
To: qrp-l@lehigh.edu
Subject: [67796] OT: ABC's 20/20 program
Message-ID: <92.38da3b5.2626a37e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It's not low power but is good for ham radio....maybe..... ABC's 20/20 is airing the story about the young man from the Netherlands who was shot by pirates and assisted by hams on their show tonight.

Reference: <http://news.eham.net/news.cfm?Num=354> was sure about which night it's on but the promo just ran and it will be on tonight.

Cheers,
Gerry
PHX AZ

Date: Wed, 12 Apr 2000 23:58:01 -0600
From: w0yse@juno.com
To: qrp-l@Lehigh.EDU
Subject: [67797] Re:QTTF:Where are others setting up?
Message-ID: <20000413.000620.-3510449.2.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Gang,

I will be setting up on Antelope Island in the middle of the Great Salt Lake, about 13 miles west of my home QTH. I hope the deer flies and brine shrimp flies don't drive me off. Hope to be working 40 thru 10m, but 20m is always my favorite band anytime. CU then,,,,,,,,,,,,,

Neil , w0yse, Layton Utah.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 01:55:12 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "ncarc reflector" <ncarc@qth.net>

Subject: [67798] Re: Case/cabinet needed

Message-ID: <013901bfa51d\$9e2c4800\$a8101004@compaq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks:

I think I found a near perfect solution. Reinforced ABS Plastic, water tight, hinged cover, crush proof, light weight, guaranteed for life, comes in many sizes and even in different colors--including clear, affordable: OTTER BOXES!! Check 'em out at www.otterbox.com!

And get this, there made right hear in Fort Collins, CO were I live. There's no place like home!

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Rod, N0RC <n0rc@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, April 12, 2000 12:15 PM

Subject: Case/cabinet needed

> Folks:

>
> I building a DSW 20 and 40 into a single case for backpacking. This
> project requires a special case. I want to have all knobs and
>

Date: Thu, 13 Apr 2000 05:46:31 -0500
From: "Joe Spencer" <joes@tcjc.cc.tx.us>
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [67799] HAMCOM 2000
Message-ID: <001d01bfa535\$88d0d3a0\$9300430a@vectra>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Gang,

I have tried to hold off while all the others big events have been going on,
ArkieCon, AlantaCon,
Dayton, etcCon...but gotta get the ball rolling! Two Days in June!!! :)

HAMCOM 2000 in Arlington Texas. This year only two days, Friday and
Saturday.

Friday June 9th

HAMCOM:Open to the public at 12:00 Noon Doors close at 7:00 PM

QRP Dinner at ??? 6-730

Building Contest "QRP Accessories" 7:30 -9pm at the Courtyard

Saturday June 10th

6:00 AM to 7:00 AM - Setup ONLY

Open to the public at 7:00 AM

Commercial open at 8:00 AM

Doors close at 5:00 PM

HAMCOM 2000 information page hamcom2k@quadj.com

HAMCOM 2000 building contest build2000@quadj.com

PreRegistration has begun!! Some prizes have been donated..see info page.

72.3 Joe KK5NA

QRP Consultant

To run from your demon is to have him pursue you.

It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at <http://www.k5rac.org>
Visit the FISTS Web page at <http://www.FISTS.org>
Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>
Elecraft Web Page: <http://www.elecrafter.com>

Date: Thu, 13 Apr 2000 06:55:33 -0400
From: aa5yx@juno.com
To: bowerm@ix.netcom.com
Cc: qrp-1@Lehigh.EDU
Subject: [67800] Re: OT? Dismal Antenna?
Message-ID: <20000413.065534.11078.0.aa5yx@juno.com>

On Wed, 12 Apr 2000 13:36:02 -0400 Michael Bower <bowerm@ix.netcom.com>
writes:

>This is way off topic:

>

>One of my in-laws (cousin-in-law once removed?) is having an antenna
>installed on his farm property. He referred to it as a "Dismal
>Antenna". This is a commercial antenna that is being installed on a
>farm in south central Illinois. He says that they are installing 250
>of

>these antennas throughout the state.

>

>Anybody have any idea of what this type of antenna is?

>

>Just curious.

>

>Michael - N4NMR

It's more than likely an antenna for cellular phone service. The property
adjacent to mine in Texas was inflicted with one of them. Of course, the
land owner (my cousin) was compensated.

John Harper AA5YX/2
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30, DSW/20
Outdoor QRP Page: <http://home.att.net/~j..harper>

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 06:35:58 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [67801] "QRP, it's ham radio"
Message-ID: <20000413.070325.-118053.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

THANK YOU

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 07:27:58 -0400
From: "Rich Clemens" <clemens@wvwc.edu>
To: "Dave Fifield" <fifield@pacbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67802] Re: NC-xx vs DSW-xx
Message-ID: <001301bfa53b\$52563c60\$f065010a@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But I already have a 30 meter and looking for a 20 meter which they do have and I am torn between a DSW-20 (which I suspect is a lot like my DSW-30) and an unknown but read about unit called an NC-20 which at this point still looks inferior.

--
Richard Clemens
clemens@wvwc.edu

----- Original Message -----
From: "Dave Fifield" <fifield@pacbell.net>
To: <clemens@wvwc.edu>
Sent: Thursday, April 13, 2000 4:55 PM
Subject: Re: NC-xx vs DSW-xx

> Rich,
>
> There is no such thing as an NC30 rig, so you can't compare them.
>
> Cheers,
> Dave Fifield, AD6A
>
> ----- Original Message -----
> From: Rich Clemens <clemens@wvwc.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Wednesday, April 12, 2000 12:11 PM
> Subject: NC-xx vs DSW-xx
>
>
> > > From my reading and experience with a DSW-30 it would be far superior
to
> a
> > NC-XX for about the same money. What is the claim to fame for the NC?
> > --
> > Rich Clemens
> > clemens@wvwc.edu
> >
>

Date: Thu, 13 Apr 2000 07:30:35 -0400
From: "Rich Clemens" <clemens@wvwc.edu>
To: "Doug Hendricks" <ki6ds@dospalos.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67803] Re: NC-xx vs DSW-xx
Message-ID: <001b01bfa53b\$af6b2c0\$f065010a@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Doug, I really marvel at the tuning and frequency output of the DSW
units and would hate to give that up. Besides, who needs 7 watts when 2
will do. (Remember the lemon power QSO? 1/2 of that QSO was me :-)

--
Richard Clemens
clemens@wvwc.edu

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <clemens@wvwc.edu>
Sent: Thursday, April 13, 2000 2:38 AM
Subject: Re: NC-xx vs DSW-xx

```
> Rich, there are two NCXX rigs. The NorCal 40 which was our first kit done
7
> years ago and an improved version sold by Wilderness Radio called the
NorCal
> 40A and the NorCal 20, which was our kit last year and now sold as the Red
> Hot NorCal 20. Red Hot also sells a 40 meter version called the Red Hot
40.
>
> You are correct when you say the DSW is far superior to the NC40A, but I
> would argue with you when you compare the DSW to the NC20 or the Red Hot
40.
> The Red Hot rig is on the web site www.redhotradio.com and I invite you to
> check out the specs and compare the two radios. If you want a rig to take
> back packing and camping, I would get the DSW. If you are going to
operate
> from home, I would definitely get the Red Hot. But either way you won't
go
> wrong. They are both excellent radios. 72, Doug, KI6DS
>
```

Date: Thu, 13 Apr 2000 12:47:44 GMT
From: k1vp@lawson-philpot.com
To: biggman@accucomm.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67804] Re: Kits:
Message-ID: <20000413.12474400@work1.grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

>>>>>>>>>>>>>>> Original Message <<<<<<<<<<<<<<

On 4/12/00, 8:59:38 PM, "Randy Joiner" <biggman@accucomm.net> wrote=20
regarding Kits::

```
> I purchased a Wilderness Sierra from a list member a few weeks back. =
```

I
> really do like the little rig, but would like to hear from others who =
have
> them also. Your opinions, suggested mods if any, or any comments in=20
general
> about the rig. =20

I have one, bought from another ham, and must say I really, really=20
like it. While the K2 must be a great rig, it seems too much like a=20
"regular" rig to appeal to me. Doesn't mean I don't want to build it,=20
but it doesn't have the same appeal. I have not put any mods in and I=20
routinely work decent DX. In fact I have worked WAC with it and Europe=20
is routine. I just assume I can work anything and go for it. =20
Obviously breaking big pile ups and working large splits is another=20
matter.

Overall, there is just something about the combination of features and=20
design which makes it a real pleasure to use. So much so, I keep=20
saying I want to build one except this one works so well I stop=20
myself. It will be my FD rig this year and I use it about 90% of the=20
time for all operating...what more can one say.

Ed Lawson

Date: Thu, 13 Apr 2000 08:15:22 EDT
From: Wb8siw@aol.com
To: GElam30092@aol.com, qrp-1@lehigh.edu
Subject: [67805] Re: OT: ABC's 20/20 program
Message-ID: <78.3dc81f2.2627145a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 04/13/2000 12:15:42 AM Eastern Daylight Time,
GElam30092@aol.com writes:

<< It's not low power but is good for ham radio....maybe..... >>

I agree, such coverage shows millions of Americans that Amateur Radio is
alive and well and still relevant. We couldn't ask for better publicity.

Doc
Do not have your email adr
LZ2RS want to sked you
Worked him 100mw to 100mw on 20m 03:30 to 04:00 last nite
This is the second time we have done it 529 both ways

2000 QRP ARCI CONTEST

[illegible]

Date: Thu, 13 Apr 2000 09:21:33 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [67809] FS: OHR Classic 2040 w/ digital readout &...
Message-ID: <38F5C9DD.CAE1D2EF@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oak Hills Classic 2040 in good condition

Works fine. There are a few scratches on the case. Comes with a digital freq. readout, QRP SWR/power meter, and speaker (all in one small accessory box that matches the rig) with all necessary cables.

Original manual (plus extra sections for the readout and meter circuits) is included.

I've got more info if somebody wants it.

I want a DSW-40 (I'll take a kit or a WORKING, built rig). I'm willing to trade even (for a BUILT DSW-40) on this rig. For those of you who don't have a DSW-40 to trade, I'm asking \$170 (negotiable). THIS PRICE INCLUDES SHIPPING IN THE CONUS.

EMAIL ME DIRECTLY AT: arrowhead1@characterlink.net

73 to all

--

Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Thu, 13 Apr 2000 08:59:52 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Cc: hqrp@stevens.com
Subject: [67810] ANT: Opinions?
Message-ID: <4.1.20000413084626.009d2980@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I'm about to have a new shack and a new tower - well, recycled and new to me.

It's a bit small (a QRP tower) at 40 ft. and has a wind load of 6 ft(2) and suggests no more than a 10 ft. boom (Rohn BX).

So, I'm looking for a beam :-)

I'd appreciate any suggestions from your personal experience of the best antenna that more or less fits these requirements.

1. 20, 17, 15, 12, 10 and possibly 6 though a separate 6 m antenna is OK.
2. Meets or nearly meets the boom length requirement.
3. Doesn't cost a kilobuck.
4. Is completely contained in one plane (no Hex beam, though it looks nice or Quads) - got to put some other small stuff above it.

My considerations so far have included the Mosely TH3-Jr WARC (exceeds the 10 ft. boom), the 2 element version of the same antenna, and the new Cushcraft shortened, loaded three element - MA5B.

Since this is a personal requirement, please email privately to keep the list traffic down. If there is interested on the part of others, I'll post a summary.

Thanks for helping to cut my web search down to a manageable time.

Ed Manuel, N5EM

Date: Thu, 13 Apr 2000 10:08:33 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [67811] FB QSO
Message-ID: <000a01bfa551\$c14ac4e0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had a 25 minute QRM-free QSO on 20 fone yesterday with WM4U, Pete, in Maryville, Tennessee. We chatted QRP-to-QRP (his IC-730 set at 4 W and my homebrew xcvr at 1.5 W out). His 3-ele. Yagi helped. Only a 150-ft. long

doublet on my end.

Following our ragchew, I worked EU4W in Belarus and a few other Russian SSB stations. QRP SSB is a gas. It never fails to amaze me.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Thu, 13 Apr 2000 10:26:10 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [67812] Ants, towers, opinions & more tuner stuff . . .
Message-ID: <20000413.102619.-239127.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

I've been catching a bit now & then about antenna stuff. Like towers (which I ain't got now but am beginning to believe I should have kept), directional antennas (which I do have, although in seriously deconstructed junks) & tunerisms. After last night's experiences, I'm pretty sure that I could use a beam of some sort, on a tower of some sort.

My last "real" tower was 45 ft of what the store called (nearly 20 years back) "American Standard." It stood up nice & perty & didn't blow down, even with the homebrew beam what I had on it. It disappeared from my inventory when I moved to the digs I'm in now. (As in: 'Dig yerself a hole, boy. Yer surrounded by power lines.") Right now I'd settle for havin' it back.

First there was a CE station that sounded so auroral that I began to wonder about long path. I've had maybe two QSOs with Chilean hams & would have enjoyed another, especially if it were with someone from Punta Arenas or Cabo de Hornos (what Francisco Coloane wrote about many times).

But the real first was not being able to get a Q with LU5VV, who told everyone else who got a Q with him that he was in Patagonia, which is near enough for me. (And I will not get sidetracked by the ongoing discussion of who owns what chunk of dirt in Patagonia [Chile or Argentina], which land once belonged to a now probably erased tribe of indigeneous people.)

Oh, sure, the Z-match tunes great. And the LDG Z-11, which I'm hoping to

have boxed up by this weekend, works great too. It's just that, as they say, a vertical antenna radiates equally well in all directions (with the unsaid finish being: "but not in the direction you want to transmit").

So I, like Ed Manuel, am thinking "beam antenna" and "tower." This even though I had told Cindy a few weeks back that I was not in the mood for a tower again, given how much work it'd be to someone else (whom I'd have to pay, one way or the other, to put it up). But dag-nabbit! I would like to have had that Q with Chile & Argentina last evening. Jorge (LU5VV) had a great signal here. Blastin', it was.

A sigh. Asi la vida, che. Asi la vida.

And I had such plans for my meager pittance allowance for Dayton too! Time to get creative, I guess. That or stop putting overtime into the comp-time drawer & takin' the money instead (even though it does mess with my taxes). Man's gotta know his limits. In all directions. But the one I wanna transmit to.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes
<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 10:33:47 -0400
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [67813] Hark, do I hear HirkQ-RP?
Message-ID: <000001bfa555\$4743c490\$c347eed8@mozart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, they're great! Keep 'em comin'! (But I agree, don't quit your day

job, there's no money is poetry of such magnificence!)

Joe, W2RBA

> HaikQ-RP 1:

>

> Three watts and dipole-

> Burning the ionosphere.

> Sunspots are my friends.

>

> HaiQ-RP 2:

>

> Bug weighs more than rig.

> Rig runs weeks on battery.

> Yeah baby, you go!

>

> And limerick:

>

> It's "CQ" that I frequently call,

> In winter, spring, summer and fall.

> I send dahs and dits

> With freshly-built kits,

> At 3 watts or less & that's all.

> Don't worry, I'm not quitting my day job...

>

> John Harper AA5YX/2

> HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20

> Outdoor QRP Page: <http://home.att.net/~j..harper>

>

Date: Thu, 13 Apr 2000 15:05:34 -0500

From: DONALD DORN <DDORN@CWIS.NET>

To: LOW POWER AMATEUR RADIO DISS <QRP-L@LEHIGH.EDU>

Subject: [67814] 4:1 BALUN QUESTIONS

Message-ID: <38F6288E.31D96AA1@CWIS.NET>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi All,

I am getting ready to make a 4:1 balun to go between my ant tuner and the 450 Ohm line to my 80M dipole for field oper. I have a couple of questions for the experts:

1. I have a FT200-61 in the junk box. Would that be suitable for the balun core? At my home station I'm using T200-2 but don't have another on hand.

2. What amount of efficiency can I achieve from a balun when used on 80 thru 10 Meters? I plan to test it after I get it made and hooked up and am not sure what numbers I can expect.

73,
Don K5AAR
Lake Eufaula, OK

Date: Thu, 13 Apr 2000 15:13:33 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: alk0frp@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67815] E-Mail for LZ2RS
Message-ID: <38F6468D.12B5FA92@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

E-Mail for LZ2RS

akmanta@klaipeda.omnitel.net

Art
KB7WW

Alan Dawkins wrote:

>
> Doc
> Do not have your email adr
> LZ2RS want to sked you
> Worked him 100mw to 100mw on 20m 03:30 to 04:00 last nite
> This is the second time we have done it 529 both ways
>
> Al K0FRP

Date: Thu, 13 Apr 2000 10:51:28 -0500
From: "George T. Baker" <w5yr@att.net>
To: DDORN@CWIS.NET
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67816] Re: 4:1 BALUN QUESTIONS

Message-ID: <38F5ED00.A6205FB1@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don, for what it may be worth, keep in mind that the impedance presented at the sending end of your ladderline will **never** be 450 ohms resistive on any frequency. So, your 4:1 balun will never see the load it is designed for.

I think that what you are seeking is a means for making the transition from unbalanced coax to balanced ladder line. I have two antennas presently that feature this, and I use W2DU 1:1 current choke baluns for the transition.

This approach allows a successful transition to coax from the ladderline and does not impose any of the losses or possibly bizarre effects that improperly terminated baluns can produce.

The W2DU balun is described in any of the antenna publications, but briefly it consists of 50 small ferrite beads strung along the outside of a short length (10") of coax. Finished units or kits are readily available.

Please investigate this approach - many use it very successfully.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

DONALD DORN wrote:

>

> Hi All,

> I am getting ready to make a 4:1 balun to go between my ant tuner and
> the 450 Ohm line to my 80M dipole for field oper.

Date: Thu, 13 Apr 2000 10:04:56 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [67817] Re: Case/cabinet needed
Message-ID: <026e01bfa562\$07dd87c0\$a8101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks:

Thanks all for the great ideas. Lot's of interesting homebrew ideas.

Let me tighten the design spec a bit: For this application I need something more industrial/space-age/mil-spec/miracle-age-fiberized...:-)
This rig will be carried by a hiker on a six month trek across the Pacific Coast Trail--Southern California to Canada! So light weight, durability, WX resistance & size are a must.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Rod, N0RC <n0rc@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, April 12, 2000 12:15 PM

Subject: Case/cabinet needed

> Folks:

>

> I building a DSW 20 and 40 into a single case for backpacking. This

> project requires a special case. I want to have all knobs and

...

Date: Thu, 13 Apr 2000 12:20:17 EDT

From: Daj73s@aol.com

To: qrp-1@lehigh.edu

Subject: [67818] FS:HW-9

Message-ID: <29.3b3089e.26274dc1@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi Gang...

selling my HW-9..in excellent shape no mods done to it....has the WARC bands and is clean inside...

If interested I am asking 300.00(firm) e-mail me at daj73s@aol.com or call 716-826-7740....tnx

Dave...AA2PF.....

Date: Thu, 13 Apr 2000 11:08:25 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>
Subject: [67819] battery charger question
Message-ID: <Pine.LNX.3.95.1000413110733.27534B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a typical battery trickle charger with a transformer, a selenium rectifier in it along with some sort of neon bulb...there is no filter capacitor....it didn't seem to be working anymore so I dug into it...on the chassis it says it puts out 12.0 vdc at 2 amps....I've measured across the transformer secondary with nothing attached to it; the secondary voltage is 13.35 vac....the secondary is not a centre tapped one....I measured for volts dc and got about 6.5 vdc output...here's my question mark....I thought the charger would have to be putting something like 13,14 vdc output in order to charge a 12 volt battery....am I right?...am I wrong?....do I need to have a battery load on it before I take the dc measurement?....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 13 Apr 2000 11:09:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>
Subject: [67820] battery charger question
Message-ID: <Pine.LNX.3.95.1000413110837.27534C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've had some more time to look at my battery charger....after reviewing the power supplies section in the Handbook, I think my problem is in the transformer....with 13.35 vac at the secondary, the half wave rectifying section is working ok to give an output of 6-something vdc.... therefore I think I should be measuring something around 25-26 vac at the secondary...

does this make sense or have I once more gone the "wrong way?"....hi
hi....in my experience when something goes wrong with a power transformer
I usually see the charring and smell the smoke.....but maybe somehow a
short has happened in the secondary or in the primary that has resulted in
a low AC voltage output from the secondary....so there I am....

.....72 - Bruce (VE5RC+VE5QRP)

Date: Thu, 13 Apr 2000 12:35:57 -0500
From: "George T. Baker" <w5yr@att.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67821] Re: battery charger question
Message-ID: <38F6057D.155D2F4F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce, with no filter cap to charge up to near the peak value of the
applied a-c, the reading you are getting is probably ok. Hang a couple
hundred mikes across the output and see what it reads. and then hitch it
up to a battery. You are correct in that the terminal voltage applied to
a battery should be in the order of 14 volts to charge it.

Also, look at the primary connections. It may be set for a 240-volt input
instead of 120.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Bruce Rattray wrote:

>
> I've had some more time to look at my battery charger....after reviewing
> the power supplies section in the Handbook, I think my problem is in the
> transformer....with 13.35 vac at the secondary, the half wave rectifying
> section is working ok to give an output of 6-something vdc.... therefore I
> think I should be measuring something around 25-26 vac at the secondary...
> does this make sense or have I once more gone the "wrong way?"....hi
> hi....in my experience when something goes wrong with a power transformer
> I usually see the charring and smell the smoke.....but maybe somehow a
> short has happened in the secondary or in the primary that has resulted in

> a low AC voltage output from the secondary....so there I am....
>
>72 - Bruce (VE5RC+VE5QRP)

Date: Thu, 13 Apr 2000 13:17:05 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Subject: [67822] ArkieCon The Big THANK YOU!
Message-ID: <001701bfa574\$79f12760\$4d9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Below are some mighty fine folks that helped make ArkieCon a big success! I still can't believe all the support that came pouring in. Let's start with the ones donating prizes.

1. A Tick 4 and 2 surface mount super Ticks-----Thanks Gary Diana and Embedded Research!
2. 100 ArkieCon Log Books for all the attendees (were did they all go??)
Thanks Doug Hendricks!
3. PW-1 antenna that was given away with the main prized (Elecraft K2)
Thanks Vern Wright!
4. Tuna Tin 2 kit ----- Thanks NJQRP
5. SOP Receiver Kit (with optional Freq-Mite AFA, enclosure and controls)
Thanks NJQRP
6. Fireball 40 transceiver kit (with optional 1.5W amplifier and Tick)
Thanks NJQRP
7. 2-Atlanticon Proceedings Books ----- Thanks NJQRP
8. Three SMK-1 transceiver kits with NJQRP club case and connector kits
Thanks NorCal and NJQRP
9. Tech Handbook For Homebrewers, Elmer 101 Issue of QRPp, 2N2/40 issue of QRPp. Thanks Paul Harden
10. Jackson Harbor Press PK-3 keyer---Thanks Marshall Elmm/Milestone Technologies.

11. Doug Hauff custom blue anodized straight key----Thanks Doug Hauff.

12. 17m Cub --- Thanks MFJ.

Whew, what a prize list. What's neat about NorCal and NJQRP is not only do they put on outstanding QRP forums, but they also support QRP forums like ArkieCon. Thanks NorCal and NJQRP!

I wanted to thank Eric at Elecraft for making sure the K2 got to us on time. Thanks Eric! It was everyone's prize till Sharon Stibal, WA0AYI took it home. Better luck next time Steve!

I need to thank Kelsey, KK5KU, who is now eternally known as the "Hanging Judge". Kelsey has taken a ton of ribbing. He really did a great job on the web-page and updated it continually. Dave Gauding and Kelsey are directly responsible for causing ArkieCon to become a reality. As I was leaving for Dayton a few years back Kelsey said to me if I had the chance ask some of the QRP icons what it would take to do a forum in Fort Smith. I just happened to be talking to Dave when Doug Hendricks asked Dave to go out for a mid-night breakfast and I tagged along. The rest as they say is history.

Another contributor to ArkieCon's success is "behind the scenes" NorCal's Jerry Parker. Jerry did a great job with the pre-registration and donated some beautiful laminated ArkieCon badges, complete with ham call signs. Jerry also donated two NorCal t-shirts. Jerry is a lot like Jim Cates, who does a ton of work promoting QRP with very little recognition.

Speaking of Jim Cates, I want to thank him for all his hard work at NorCal. Without NorCal the Fort Smith QRP Group wouldn't be in existence. Jim Cates sure makes Doug look great. Jim, Take care and Thank you. I can't wait to see you soon.

The next three gentlemen I want to thank are Chuck Adams, Doug Hendricks, and Glen Leinweber. Without Glen's VE3DNL marker/generator circuit that the Fort Smith Club kitted, ArkieCon would not have been. All the funds raised from the kits were used to pay expenses for ArkieCon (airfare, motel, and purchasing of main prize). Doug Hendricks and Chuck Adams were instrumental because they not only suggested doing the kits but also provided the parts to get the project going. Even after the kits were going good they continued to support us.

Another behind the scenes person who deserves a big Thanks is Keith Newman. Keith has an answer for every problem. He was the one that got the ball rolling for the current Hamfest location. He also helped tremendously with the ArkieCon Forum by providing PA speakers, overhead, slide projector and screen. Keith also worked the badge, prize ticket table and in selling the VE3DNL marker/generator along with the new Fort Smith P-Tick paddle kits,

which paid for the free barbecue dinner and also gives us a good start for next year.

The next three people made me look like I had my act together and made ArkieCon run like a Swiss watch. They are my high school buddy Curt Furtado, KI5AK, Kathy Vines, and Steve Lowrey, K5ATY. These folks flat worked their tail off and did whatever was needed, especially at the spur of the moment. I can't thank them enough for their help.

A big round of thanks to Win Dooley, WB5KOM, and all the Hamfest workers from the Fort Smith Area Amateur Radio Club. They did a fantastic job putting on the Hamfest and I am looking forward to working with them next year.

I want to thank all the guest speakers; Dave Gauding, Doug Hendricks, Paul Harden, Jim Duffey and last but certainly not least Glen Leinweber. They not only spent the weekend away from their families to help us put on a great event, but they also tirelessly worked the floor elmering all they came into contact with.

My appreciation goes to Dave Gauding and Jim, Dr. Megacycle Duffey for setting up the antennas for the Saturday nights Test Drive.

Speaking of the Test Drive.... it would not have been as complete without the help of Marshal Elmm from Milestone Technologies and Bob Dyer from Wilderness Radio. Both of these fine gentlemen tore their own stations up in order to provide equipment for ArkieCon's Test Drive. I gave them very little time to do this, it sure shows their dedication. Thanks Bob and Marshal!

Thanks to all of you who attended ArkieCon and to all the fine QRPers who purchased the VE3DNL Marker/Generator kits. All of this and the above is making QRP grow like wildfire. I can't wait to see where this goes in the coming years.

A special thanks goes to Doug Hendricks for helping me MC and covering a lot of my mistakes.but Doug, you could have warned me about the camera flashes and the PA speakers, grin. Thanks gang for allowing me to post. We hope to make ArkieCon better next year and hope to see you there.

73 de w5jay..

Date: Thu, 13 Apr 2000 11:16:22 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67823] case/cabinet....N5IB
Message-ID: <38F600E6.5D0E@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John and gang,

To view Jim's fine work see:

<http://www.qsl.net/n5ib>

72, Tom WB5QYT

Date: Thu, 13 Apr 2000 14:41:01 -0400
From: "Pastor-kc1di" <ELBC@PIVOT.NET>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67824] Re: 4:1 BALUN QUESTIONS
Message-ID: <003301bfa577\$d20816e0\$5910a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "George T. Baker" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, April 13, 2000 11:51 AM
Subject: Re: 4:1 BALUN QUESTIONS

> Don, for what it may be worth, keep in mind that the impedance presented
> at the sending end of your ladderline will *never* be 450 ohms resistive
> on any frequency. So, your 4:1 balun will never see the load it is
> designed for.

>

> I think that what you are seeking is a means for making the transition

> from unbalanced coax to balanced ladder line. I have two antennas
> presently that feature this, and I use W2DU 1:1 current choke baluns for
> the transition.
>
> This approach allows a successful transition to coax from the ladderline
> and does not impose any of the losses or possibly bizarre effects that
> improperly terminated baluns can produce.
>
> The W2DU balun is described in any of the antenna publications, but
> briefly it consists of 50 small ferrite beads strung along the outside of
> a short length (10") of coax. Finished units or kits are readily
> available.
>
> Please investigate this approach - many use it very successfully.
>
> 72/73, George
> Fairview, TX 30 mi NE Dallas in Collin county
> Amateur Radio W5YR, in the 54th year and it just keeps getting better!
> R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
DITTO.. from KC1DI Used the Approach George menteioned for many years with
good results..

Date: Thu, 13 Apr 2000 11:45:41 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'QRP'" <qrp-1@Lehigh.EDU>
Subject: [67825] SMT Soldering Station
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FE88@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I have been offered the use of a hot-air soldering station the owner says is
made specifically for SMT parts. I've never heard of one of these. Since
I'm going to be building the SMK-1 kit, should I take him up on his offer?
Any pro's or con's regarding this unit?

Doug VA7DD

Date: Thu, 13 Apr 2000 12:54:05 -0600 (MDT)

From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [67826] ArkieCon Kudos (late)
Message-ID: <Pine.SUN.4.10.10004131231260.976-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Just got back from the drive from Ft. Smith Tuesday, barely made it through work yesterday :-) and finally starting to recover. Ft. Smith to my driveway was just shy of 800 miles. And for those of you who have never traveled I-40 from say Tucumcarri, NM to eastern Oklahoma, once you drive a few miles looking at those flat eastern plains, well, you've pretty well got the picture of the next 500-600 miles!!! BORING ... except for the occassional signs, like "Next Rest Area - 123 miles." I also noticed there's an "Official Route 66 Museum" in just about every town through OK and TX!

But the long drive was worth it. ARKIECON WAS A BLAST. Jay, Kevin, and the host of others (whose names I've forgotten) of the Ft. Smith QRP gang did an excellent job. They all worked hard, had a great activity, and treated everyone nothing short of first class. I counted 80+ people at most of the talks, and while the main hamfest was pretty well shutdown by 3:30-4pm, there was still 71 in the room at the 5pm close for the K-2 drawing and the BBQ dinner following. Heck, there must of been 30 QRPers there at 10pm when Doug and I left.

It was great meeting new faces, which became new friends, as well as the old faces and friends. Always great to get together with Doug, Dr. Megacycle, Dr. Antenna (Dave Gauding) and such ... and it was pleasure to finally meet Glen, that VE3 guy. Excellent talk, and great to meet a guy who has contributed so much to qrp-1 over the years, including all his find work on the Elmer 101 series.

Also want to thank all the vendors who donated door prizes, or sent along some samples of their products. It was nice for many QRPers to hold in their hands everything from the NC-20, RH-40, Oak Hills, one of the Benson rigs or the K-2. For many, it was the first time they've seen these rigs. And Dave Gauding kept the K-2 on the air most afternoon and evening with QSO's from one of the 3 St. Louis something-or-another antennas he brought along. We were all standing around when he had a short QSO with N4BP on the St. Louis Express antenna, and simply told him "Dave in Arkansas." So N4BP ... that was a QSO from the heart of ArkieCon!

Thanks again to all for the great Arkansas hospitality, and of course that from those attending from nearby states. Ya did good!

72, Paul NA5N

Date: Thu, 13 Apr 2000 13:18:32 -0600
From: "Zoerb, Ron" <Zoerb.Ron@tci.com>
To: "'QRP-1 Messages'" <qrp-1@lehigh.EDU>
Subject: [67827] MOBILE DXing / LZ2RS
Message-ID: <5899595F9867D311BC0A00805F57884D44047E@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

To the list:

During my once-in-a-while lunch break, I made it to the parking lot today to check the bands. 17 meters was a bit noisy so I tuned to 21.060.6 and called cq. Got a call from AA8UN in WV and enjoyed a short QSO until Murphy had to QRT, then a very faint "ii" was heard and upon listening and QRZing, and unmistakable LZ2RS was heard.

Rumin, was not loud but he was very persistent and is able to hear very well. The signal was in and out of the noise, but dog gone, that was fun!

Radio is fascinating, CW is kool, QRP is a blast, mobile/QRP/CW/DX sure boosts the heart rate.

I am sure you all understand the feeling!

72 Ron ki0ii

Date: Thu, 13 Apr 2000 13:16:14 -0700
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [67828] Re: MOBILE DXing / LZ2RS
Message-ID: <38F62B0E.7BA0@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rumi, it would seem, is EVERYWHERE now that he has his K2. I admit to being the ringleader in finding one already made up to send him late last month. Kudos also to the anonymous ham who was willing to trade his K2 built for a fresh unbuild kit.

I had a QSO with Rumi last September on 15m. He was running 10 or so watts at the time. I recall clearly that he told me, on first acquaintance, that to him Morse code was like listening to Mozart. My kind of guy indeed!

73

K7GT

Pleasanton CA

--

Allan Taylor K7GT agtaylor@llnl.gov

Date: Thu, 13 Apr 2000 13:22:25 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67829] SMK-1 Crystals are in!!
Message-ID: <20000413202226.22947.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, went home for lunch (advantage of living and teaching in a small town) and guess what showed up!! The crystals for the SMK-1 kits. Now, all we need are the boards which should show up tomorrow if we all keep our fingers crossed, hold our tongues just right, and the crick don't rise, grin.

Several have sent messages asking when the kits will ship. We are working on it as quickly as possible. We have been waiting on the crystals and the boards. Dave will be writing the manual as he builds a kit from an actual set of parts, and a production board. That is really the only way to do a manual, we have learned the hard way, grin. There is a crew of guys coming over Saturday, and we are gonna kit like crazy. If we get the boards in Friday, we will have them to put in the kits on Saturday. I will take the kits up to Jim in Sacramento and he will start mailing them as soon as he gets a copy of the manual to take to the printers. Jim has all of the boxes addressed and folded, all ready to go. All that he will have to do is drop in a kit, add a manual, and seal it. Then he will take them to the post office and they will be on their way.

IF, and IF we get the boards, I should be able to meet Jim on Tuesday with about 400 kits. Dave will get the master copy of the manual to Jim, hopefully also on Tuesday. He will get it copied and start mailing as soon as possible. Bear with us a few more days and then it will be time to as my good friend from New Hampshire says, "Melt Solder". 72, Doug

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 13 Apr 2000 21:27:56 +0100
From: "Mel Evans" <mel@euramcom.freeserve.co.uk>
To: "Ray Sills" <raysills@castle.net>
Cc: <qrp-1@lehigh.edu>
Subject: [67830] Re: [CW] THE FINAL FINAL FINAL
Message-ID: <000201bfa588\$55e0e2c0\$f63d883e@dsnqutvf>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys, read my original posting again please. I am not involved with this event but IT IS a bona fide ham station which will be using standard (BRITISH) ham frequencies to do the business. I thought this had been made abundantly clear. No one is asking any ham to tx outside his frequencies. AFAIK there IS split operation involving nominally commercial tx from the site which you can rx without infringing your ticket of course, and tx back within the ham bands, but this was to be dependent upon time and propagation conditions! as per any normal split operation.

Since our "authorities" are normally much stricter than yours for these sort of ops, you can be sure if permission has been given at this end, then it's all ok! and above board. Note also the calls are GB special event calls and will only have been issued if the RSGB has sanctioned their issue.

Mel

-----Original Message-----

From: Ray Sills <raysills@castle.net>
To: mel@euramcom.freeserve.co.uk <mel@euramcom.freeserve.co.uk>
Date: 13 April 2000 00:08
Subject: Re: [CW] THE FINAL FINAL FINAL

>Hi Mel:

>

>Nope. If it ain't in the ham bands, it isn't a ham station. In the US,
>permission is given to work certain military stations, usually on Armed
>Forces Day, but otherwise, hams can only work hams.

>

>73 de Ray

>

>-----

>>From: "Mel Evans" <mel@euramcom.freeserve.co.uk>
>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>>Subject: Re: Fwd: [CW] THE FINAL FINAL FINAL
>>Date: Wed, Apr 12, 2000, 5:52 PM
>>
>
>>Hi Gang,
>>
>>Sorry, I think you're missing the point here! The station is NOT a
>>commercial station for the purposes of this event. It is a bona-fide ham
>>station USING the commercial aerials (antennae) and other gear before the
>>station is finally closed down.
>>
>>If you could use them, wouldn't you? Of course you would!
>>
>>So work it and don't worry! You will get the usual dignified British
>>operation of a rare event (VBG and Tongue in cheek)
>>
>>Regards
>>
>>Mel
>>GM6JAG
>>-----Original Message-----
>>From: Bradfield, Brad V. <BBradfield@spectrapoint.com>
>>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>>Date: 12 April 2000 21:54
>>Subject: Re: Fwd: [CW] THE FINAL FINAL FINAL
>>
>>
>>
>>Didn't think much about this when I originally posted it, and certainly
>>didn't realize that it was opening such a can of worms.
>>
>>There is some move afoot from a couple guys on the CW list requesting an
STA
>>from the FCC to work this British commercial station during this (final)
>>special event. I'm not one of them, but if I hear anything additional
I'll
>>certainly pass it along here.
>>
>>72's es 73's,
>>
>>Brad, W5CGH
>>
>>=====

>>Brad Bradfield, PE	W5CGH	Test Staff Engineer
>>(ex WB CGH)		SpectraPoint Wireless LLC

>>
>>Real men talk with their fingers!

>>
>>NORTEX NORCAL QRP-L #377
>>SMIRK #4906 QRP-ARCI # ARS #72
>>Austin QRP Club #i Alaska QRP Club #350
>>
>>
>>
>>
>

Date: Thu, 13 Apr 2000 20:20:12 +0100
From: wd3p@juno.com
To: biggman@accucomm.net, qrp-l@Lehigh.EDU
Subject: [67831] Re: Kits:
Message-ID: <20000413.202017.-400861.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Wed, 12 Apr 2000 21:59:38 -0400 "Randy Joiner" <biggman@accucomm.net>
writes:

> I purchased a Wilderness Sierra from a list member a few weeks back.
> I
>

The Sierra is a great little rig. I've had mine 2 or 3 yrs now - built it
myself and love it. It is just the basic rig - I have never bothered to
put in any of the mods/enhancements. Every now and then I think of
getting a second one but so far have resisted the urge. I use the thing
almost daily. It has been to field day twice. It has be used to WAS QRPP.
It has been used to WAS at 1,000 miles per watt. I set it at 500 mWatts
for the last ARRL DX contest and picked up 50+ countries. I love the
thing.

73 de Larry.....WD3P in MD
<http://www.erols.com/lejek>

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 15:12:39 -0700
From: schoon@amgt.com
To: <qrp-1@Lehigh.EDU>, <Doug.Davies@gems3.gov.bc.ca>
Subject: [67832] RE: SMT Soldering Station (Kinda Long)
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-
BD-000413221239Z-2828@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Doug,

The best advice I could give you if this is your first time trying an SMT based project is to give it a try on something other than your project! Sounds obvious, but there are a few techniques to building an SMT project. Get an exacto knife, a bunch of different SMT parts - they solder slightly different between parts, slice up the copper into little pads and take a go at it. Personally, I use a Weller MT1500. They're expensive, around \$500, plus the tips run about \$25 each. I tend to like a modified pseudo reflow technique that helps minimize bridges and thermal shock to small parts. Caps are really bad! What I do is put a small dab of solder on one of the pads. This is one case where the bigger the blob, the better the job just doesn't hold! Find the smallest diameter solder you can lay your hands on. You don't want anything too fat or you'll end up piling on too much on the pad. Once the solder cools, I put a very small dab of flux on top of the pad, then with the part in a pair of tweezers, I heat the pad/flux combo, carefully line up the part and set it on the pad. I do my best not to have the part touch the soldering iron directly, I've had a few cases where small CAPS cracked. One last thing, I only do the solder blob on the pad on one of the pads for two pad devices like caps & resistors. Once the part is held firmly in place and isn't crooked, then I solder the opposite end. I just use enough solder to wick under the part and fill the pad. Just enough, not too much so the solder starts to form a big ball. For ICs I also start with one solder blobbed pad, put the part on it, heat it on low power and make sure all those little IC legs line up. If the pad cools, and the IC is crooked, it's a lot easier to have to desolder just the one pad, but mostly all you'll have to do is just to reheat it and move it around. The next leg to solder is the one opposite your first leg, then after that it's your choice - but I like to solder every other one. That way the neighboring legs/pads have some time to cool. It really helps eliminating solder bridges on SO type parts. QST has several pretty good primers on working with SMT & SMD devices at:

<http://www.arrl.org/tis/info/surface.html>

I prefer using SMT parts for my prototype work because I don't have to go through all the gyrations of drilling boards, plus the board is much smaller and easier to make and etch at home.

Good Luck and have fun!

72/73

.mark

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>From:    Davies, Doug A FOR:EX[SMTP:Doug.Davies@gems3.gov.bc.ca]
>Sent:    Thursday, April 13, 2000 11:45 AM
>To:      Low Power Amateur Radio Discussion
>Subject:  SMT Soldering Station
>
>I have been offered the use of a hot-air soldering station the owner says is
>made specifically for SMT parts. I've never heard of one of these. Since
>I'm going to be building the SMK-1 kit, should I take him up on his offer?
>Any pro's or con's regarding this unit?
>
>Doug VA7DD
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End of QRP-L Digest 1790
